

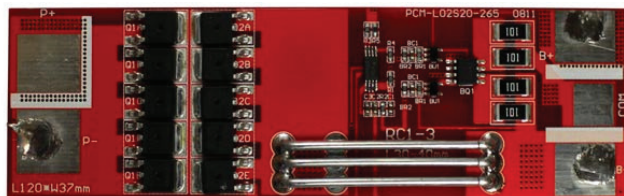


PCM for 6.4V LiFePO4 Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:7.20V 3.6V/cell
		Balance voltage for single cell	3.60V±0.025V
2	Current	Balance current for single cell	36±5mA
		Low current consumption for single cell	≤20µA
		Maximal continuous charging current	20A
		Maximal continuous discharging current	20A
3	Over Charge Protection	Over charge detection voltage	3.85V±0.025V
		Over charge detection delay time	0.73S—1.35S
		Over charge release voltage	3.75V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.23V±0.08V
		Over discharge detection delay time	68—138ms
		Over discharge release voltage	2.23±0.1V
5	Over Current Protection	Over current detection voltage	300±20mV
		Over current detection current	50±5A
		Detection delay time	7.2ms—11ms
		Release condition	Cut load
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 48.5mm x W 8.0mm	

IMAGE



CONNECTION DIAGRAM

